

BRIEF DESCRIPTION OF THE FIGURES

Figures 1 to 3, respectively, are a diagrammatic representations of Reversed Phase, Ion Exchange and Size Exclusion chromatograms for a 1.0 mg/ml standard solution of LIF prepared as described in Example 1 by diluting "stock" solution with 2 mM phosphate buffer, pH 6.42, containing 0.01% polysorbate.

Figure 4 is a graphical representation showing LIF concentration for samples at each pH after freeze/thaw cycling.

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Figure 5 is a graphical representation of the average concentration over 5 freeze/thaw cycles for each pH value.

DESCRIPTION OF THE PREFERRED EMBODIMENTS

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The present invention provides compositions comprising LIF or its derivatives or homologues. The present invention particularly provides LIF or related molecules in a stable form.

Unless otherwise specified, the term "LIF" or "Leukaemia Inhibitory Factor" refers herein to synthetic, recombinant or purified naturally occurring LIF from animal or avian species. Preferred animal species are mammals such as humans, primates and livestock animals as well as any or all derivatives or homologues of LIF (e.g. sheep, pigs, cows, goats, donkeys and horses), laboratory animals (e.g. murine species, guinea pigs, rabbits and hamsters), companion animals (e.g. dogs and cats) or captive wild animals (e.g. kangaroos, foxes, and deer). Preferred avian species include but are not limited to caged birds, chickens, ducks, geese and game birds. As referred to here, LIF or Leukaemia Inhibitory Factor includes reference to derivatives, homologues and analogues of LIF. Derivatives, homologues, mimetics and analogues include parts, fragments or portions of LIF which are functionally active or which otherwise have a useful biological activity (eg. as an antagonist, antigen to induce antibody formation, as a diagnostic agent or as a therapeutic molecule). Such derivatives or parts thereof include any one or more contiguous series of amino acids contained within any one of the above LIF molecules

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